

SUBMITTAL DATA: PKA-A30KA & PUZ-HA30NHA2 30,000 BTU/H WALL-MOUNTED HYPER HEAT-PUMP SYSTEM

Job Name: 2 monument Sq. Judges Chamber Location: 6th Floor Date: 1-22-14
 Purchaser: Pine State Services Inc. Engineer: Bennett Engineering
 Submitted to: _____ For Reference Approval Construction

Unit Designation: _____

Schedule No.: _____

GENERAL FEATURES

- Innovative flash technology enables high heating capacity at lower outside temperatures
- Exhibits 100% of rated heating capacity at 5°F; 90% of rated heating capacity at -4°F
- Quiet operation—both indoor and outdoor units
- Wireless remote controller
- Automatic fan speed control
- Auto restart following a power outage
- Self-check function—integrated diagnostics
- Limited warranty: five years on parts and defects and seven years on compressors

OPTIONAL ACCESSORIES
Indoor Unit

- External Heat Adapter (PAC-YU25HT)
- CN24 Relay Kit (CN24RELAY-KIT-CM)
- Remote Temperature Sensor (PAC-SE41TS-E)

Outdoor Unit

- M-NET Adapter (PAC-SF80MA-E)
- Air Outlet Guide (PAC-SG59SG-E; two pieces are required)
- Wind Baffle (WB-PA2; two pieces are required)

Cooling*

Rated Capacity 30,000 Btu/h
 Minimum Capacity 18,000 Btu/h
 SEER 16.5 Btu/h/W
 Total Input 2,500 W

Heating at 47°F*

Rated Capacity 32,000 Btu/h
 Minimum Capacity 18,000 Btu/h
 HSPF (IV) 9.5 Btu/h/W
 Total Input 2,930 W

Heating at 17°F*

Rated Capacity 19,000 Btu/h
 Rated Total Input 2,570 W
 Maximum Capacity 32,000 Btu/h
 Maximum Total Input 5,080 W

* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB, Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.
 (Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB, Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.
 (Heating at 17°F) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB, Outdoor: 17°F (-8°C) DB / 15°F (-9°C) WB.

Heating at 5°F

Maximum Capacity 32,000 Btu/h
 Maximum Total Input 5,770 W

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
 Breaker Size 30 A

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
 Indoor - Outdoor S2-S3 DC 24V
 Indoor - Remote Controller DC 12V

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90°F (32°C) DB, 73°F (23°C) WB	115°F (46°C) DB
	Minimum	60°F (19°C) DB, 59°F (15°C) WB	0°F** (-18°C) DB
Heating	Maximum	83°F (28°C) DB	70°F (21°C) DB, 59°F (15°C) WB
	Minimum	63°F (17°C) DB	-13°F (-25°C) DB, -13°F (-25°C) WB

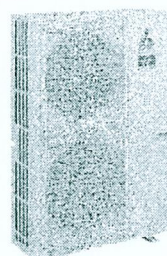
** With optional wind baffle accessory installed. If not installed, the minimum temperature will be 23°F (-5°C) DB.



Indoor Unit: PKA-A30KA



Remote Controller: PAR-21MAA



Outdoor Unit: PUZ-HA30NHA2

Indoor Unit

MCA 1 A
 Fan Motor 0.36 F.L.A.
 Fan Motor Output 56 W
 Airflow (Lo - Mid - Hi) 635 - 705 - 775 Dry CFM
 570 - 635 - 700 Wet CFM
 Sound Pressure Level (Lo - Mid - Hi) 39 - 42 - 45 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	46-1/16 / 1,170
D	11-5/8 / 295
H	14-3/8 / 365

Weight 46 lbs. / 21 kg
 External Finish Munsell No. 1.0Y 9.2 / 0.2
 Field Drainpipe Size I.D. 5/8" / 16 mm
 Wall-mounted Remote Controller PAR-21MAA
 (See Data Submittal Sheet)

Outdoor Unit

Compressor DC Inverter-driven Scroll
 MCA 28
 Fan Motor 0.4 + 0.4 F.L.A.
 Sound Pressure Level
 Cooling 52 dB(A)
 Heating 53 dB(A)

DIMENSIONS	INCHES / MM
W	37-3/8 / 950
D	13 + 1-3/16 / 330 + 30
H	53-1/8 / 1,350

Weight 265 lbs. / 120 kg
 External Finish Munsell No. 3Y 7.8 / 1.1
 Refrigerant Type R410A
 Refrigerant Pipe Size O.D.
 Gas Side 5/8" / 15.88 mm
 Liquid Side 3/8" / 9.52 mm
 Max. Refrigerant Pipe Length 245' / 75 m
 Max. Refrigerant Pipe Height Difference 100' / 30 m
 Connection Method Flared


INVERTER